**Index of Claims** 

| Application/C | ontrol No. |
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Applicant(s)/Patent under Reexamination WANGH, LAWRENCE J.

10/798,061

Examiner

Art Unit

Deborah Crouch, Ph.D.

1632

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

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| _ | Interference |

| A | Appeal   |
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| Cla          | im       | Date          |          |          | Claim Date   |  |              |              |          |          |          |          | Claim Date |   |          |                         |              |        |          |          |          | $\neg$   |          |           |        |          |   |          |          |          |          |
|--------------|----------|---------------|----------|----------|--------------|--|--------------|--------------|----------|----------|----------|----------|------------|---|----------|-------------------------|--------------|--------|----------|----------|----------|----------|----------|-----------|--------|----------|---|----------|----------|----------|----------|
| Oi           |          |               |          |          |              |  |              |              |          |          |          |          |            |   | $\dashv$ |                         | T            | 1      | Date     |          |          |          |          |           |        |          |   |          |          |          |          |
| Final        | Original | 3/19/06       |          |          |              |  |              |              |          |          | Final    | Original |            |   |          |                         |              |        |          |          | Final    | Original |          |           |        |          |   |          |          |          |          |
|              | 1        | -             | _        | -        | <u> </u>     |  | -            | -            | $\vdash$ | 4        | -        | 51       | -          | -+  | -        | +                       |              | +      |          | _        | -        | 101      | ├        |           |        |          |   |          | $\dashv$ | 4        | $\dashv$ |
| <u> </u>     | 2        | -             | ├        |          | <del> </del> | -  | -            | -            | -        |          |          | 52       | $\vdash$   | +   | +        | +-                      |              | ╫┈     | ╁─┤      |          | -        | 102      | $\vdash$ | H         |        |          |   |          | +        | -        | $\dashv$ |
|              | 3        | -             | $\vdash$ | ┝        | ┼—           | -  | ⊢            | -            | $\vdash$ | $\dashv$ | -        | 53       | $\vdash$   |   | +        |                         |              | ╁      | ├        | $\dashv$ | -        | 103      | ├        | -         |        | -        | _ | -        |          |          | $\dashv$ |
| <u> </u>     |          | ⊢             | ⊢        | ┝        | ļ_           | -  | ⊢            | -            | $\vdash$ | $\dashv$ | -        | 54       | -          | -   | +        | +                       |              | +      | $\vdash$ | -        | -        | 103      | ⊢        | $\vdash$  | -      | Н        |   |          | $\dashv$ | $\dashv$ | 긕        |
| <u> </u>     | 4        | -             | H        | H        | -            | -  | -            |              | $\vdash$ | $\dashv$ | -        | 55       | $\vdash$   | +   | +        | +                       | +            | +      | $\vdash$ | -        | $\vdash$ |          | ⊢        | $\vdash$  | -      | Н        |   |          | $\dashv$ | -        | $\dashv$ |
|              | 5        |               | _        | _        | -            | -  | <del> </del> | <del> </del> | $\vdash$ | -        | -        |          |            | _   | +        | +                       | -            | +-     | $\vdash$ | -        | $\vdash$ | 105      | -        | $\vdash$  | -      | Н        |   |          | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>     | 6<br>7   | _             | H        | H        | -            | -  | <u> </u>     | <u> </u>     | $\vdash$ |          | -        | 56<br>57 | $\vdash$   | -   | +        | +                       |              | +      | $\vdash$ | -        | $\vdash$ | 106      | ├        | $\vdash$  |        |          |   |          | -        |          | $\dashv$ |
| _            | 8        | -             | ├        | ⊢        |              |  | ╁            | -            | $\vdash$ | $\dashv$ | -        | 58       |            |   | +        | +                       | -            | +      | $\vdash$ | -        | -        | 108      | ╁        |           |        |          |   |          | $\dashv$ | $\dashv$ | ᅴ        |
| <b></b>      | 9        | -             | -        | -        | -            | -  | ├            | -            | Н        | $\dashv$ | $\vdash$ | 59       | $\vdash$   | +   | +        | +                       | +            | ₩      | H        | $\dashv$ | -        | 109      | ╁        | $\vdash$  |        |          |   | $\vdash$ | -        | $\dashv$ | $\dashv$ |
| <u> </u>     | 10       | -             | ⊢        | ⊢        |              | -  | -            | -            | H        | -1       | -        | 60       | H          | -   | +        | ╁                       |              | +      | $\vdash$ | -        | $\vdash$ | 110      | ┢        | $\vdash$  | -      |          |   | -        |          | -+       | ᅱ        |
| $\vdash$     | 11       | $\vdash$      | $\vdash$ | $\vdash$ |              |  | -            | -            | -        | $\dashv$ | -        | 61       | $\vdash$   | $\dashv$  | +        | +                       | +-           | +      | $\vdash$ | $\dashv$ | -        | 111      | ╁        | $\vdash$  | -      | H        |   | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
| -            | 12       |               | ┢        |          | -            | -  | -            |              | -        | -        | -        | 62       |            | $\dashv$  | +        | +                       | _            | +      | $\vdash$ | $\dashv$ | $\vdash$ | 112      | $\vdash$ | $\vdash$  |        |          |   | $\dashv$ |          | $\dashv$ | $\dashv$ |
| <b>-</b>     | 13       | $\vdash$      | -        | ┝        | <del> </del> | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | -        | 63       | $\vdash$   | $\dashv$  | +        | +                       | +            | +      | $\vdash$ | $\dashv$ | -        | 113      | $\vdash$ | $\vdash$  | -      | -        |   |          |          |          | ᅱ        |
| $\vdash$     | 14       | $\vdash$      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$   | -            | -            |          | $\dashv$ | -        | 64       | $\vdash$   | -   | +        | +                       | +            | ╁      | $\vdash$ | $\dashv$ | -        | 114      | $\vdash$ | $\vdash$  |        | $\vdash$ |   | $\vdash$ | $\dashv$ | -+       | ᅱ        |
|              | 15       | -             | -        | ┢─       | -            | $\vdash$   | ⊢            | _            | Н        | $\dashv$ |          | 65       |            | $\dashv$  | +        | +-                      | +            | +-     | ╁─┤      |          | -        | 115      | ╁        | $\vdash$  |        |          |   | Н        |          | $\dashv$ | $\dashv$ |
| <u> </u>     | 16       | $\vdash$      |          | -        | -            | $\vdash$   | ⊢            | <del> </del> |          | $\dashv$ |          | 66       | $\vdash$   | +   | +        | +                       | +            | +      | $\vdash$ | $\dashv$ | $\vdash$ | 116      | ╁        | $\vdash$  |        |          |   | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| <b>-</b>     | 17       | $\vdash$      | -        | -        | <del> </del> | $\vdash$   | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | -        | 67       | $\vdash$   | $\dashv$  | +        | +                       | +            | +      | ╁╾┥      |          | _        | 117      | ╁╴       | $\vdash$  |        | -        | _ | $\vdash$ | -        | -        | ᅱ        |
| _            | 18       | -             | -        | -        | <del> </del> | -  | $\vdash$     | $\vdash$     | $\vdash$ | $\dashv$ | $\vdash$ | 68       |            | -+  |          | +-                      |              | +      | $\vdash$ | $\dashv$ | $\vdash$ | 118      | ╁        | $\vdash$  |        |          |   | $\vdash$ | +        | $\dashv$ | $\dashv$ |
|              | 19       | <del> -</del> |          | -        | 1            |  |              | $\vdash$     | Н        | $\dashv$ |          | 69       |            |   |          | ╁                       | +-           | +      | $\vdash$ |          | -        | 119      | ╁        | $\vdash$  | -      |          |   |          | -        | -        | ᅱ        |
|              | 20       | $\vdash$      |          | ┢        | 1            | -  | ┢╾           | -            | Н        | $\dashv$ | -        | 70       |            | $\dashv$  | +        | +                       | +            | +-     | -        | $\dashv$ | -        | 120      | $\vdash$ | $\vdash$  |        |          |   | $\vdash$ |          | $\dashv$ | $\dashv$ |
|              | 21       | H             |          | ┢        | <del> </del> | ├  | <del> </del> |              | $\vdash$ | -1       |          | 71       | $\vdash$   | +   | +        | ╁                       | -            | +      | $\vdash$ | $\dashv$ | -        | 121      | ╁        | Н         |        | Н        |   | Н        |          | ┰        | $\dashv$ |
|              | 22       |               |          | $\vdash$ | 1            | <del>                                     </del> | -            | -            | $\vdash$ | $\dashv$ | -        | 72       |            | -   | +        | +                       | _            | +      | $\vdash$ | $\dashv$ |          | 122      | ╁        |           |        |          |   | $\vdash$ |          | ┰        | $\dashv$ |
|              | 23       | $\vdash$      | _        | -        | <u> </u>     | H  | ┢            |              | $\vdash$ | $\dashv$ | <u> </u> | 73       | -          | $\dashv$  | +        | +                       | +            | 1      | t        | $\dashv$ |          | 123      | ╁        |           | _      | -        |   |          | 1        | $\dashv$ | $\dashv$ |
|              | 24       | -             |          | $\vdash$ | $\vdash$     | $\vdash$   |              |              | Н        | $\dashv$ |          | 74       | -          | -   | $\dashv$ | +                       |              | +-     | $\vdash$ | $\dashv$ |          | 124      | ┼        | ╁─┤       | _      |          |   | Н        | $\dashv$ | $\dashv$ | ᅱ        |
|              | 25       | _             |          | _        |              |  |              |              |          | $\dashv$ |          | 75       | $\vdash$   | +   | +        | +                       | +            | +      | H        | $\dashv$ | -        | 125      | ┼─       |           |        |          |   |          | $\dashv$ | $\dashv$ | ᅱ        |
|              | 26       |               |          | $\vdash$ | $\vdash$     | $\vdash$   | ┰            | $\vdash$     | H        | $\dashv$ |          | 76       |            | _   | +-       | +                       | _            | +      | H        | $\dashv$ |          | 126      | $\vdash$ | $\vdash$  |        |          |   |          |          | -        | $\dashv$ |
|              | 27       | -             | -        | -        | $\vdash$     | $\vdash$   | _            |              | $\vdash$ | $\dashv$ | -        | 77       |            | -   | _        | +                       | +            | 1      | H        | $\dashv$ |          | 127      | $t^-$    |           |        |          | _ | _        | $\neg$   | $\dashv$ | ᅱ        |
|              | 28       |               |          |          | t            | T  |              | $\vdash$     |          | $\neg$   |          | 78       |            | _   | $\dashv$ | +                       | +            | +      | $\Box$   |          | -        | 128      | $\vdash$ | $\Box$    |        | Н        |   |          | $\dashv$ | _        | $\dashv$ |
|              | 29       | _             | _        |          | <u> </u>     | <u> </u>   |              | _            |          | _        |          | 79       | $\vdash$   | $\neg$  | $\top$   | +                       | T            |        |          | $\dashv$ |          | 129      |          | H         |        |          |   |          | _        | 1        | ᅥ        |
|              | 30       |               |          |          | T            |  |              | -            |          | $\neg$   |          | 80       |            | 一   | $\neg$   | T                       | +            |        |          | $\dashv$ |          | 130      | T        |           |        | П        |   |          | 一        | 寸        | ᅥ        |
|              | 31       |               | $\vdash$ |          | $\vdash$     |  | Г            | _            |          | _        |          | 81       |            | $\neg$  | 1        | $\top$                  | 1-           |        | $\vdash$ | $\dashv$ |          | 131      | İ        |           |        |          |   |          | $\neg$   | 寸        | ᅥ        |
|              | 32       |               | _        | _        | $\vdash$     |  |              |              |          |          |          | 82       |            | $\neg$  | $\top$   | $\top$                  | $\top$       | T      | $\Box$   |          |          | 132      | $\vdash$ |           |        | П        |   |          | $\neg$   | 1        | ⊣        |
|              | 33       |               |          |          |              |  | Г            |              |          |          |          | 83       | П          | $\neg$  | $\top$   | $\top$                  | $\top$       |        | $\Box$   | $\dashv$ |          | 133      |          | ٠.        |        | П        |   |          | $\neg$   | _        | ⊣        |
|              | 34       | Γ             | <u> </u> | Г        | 1            |  |              |              |          | $\neg$   |          | 84       | П          | $\dashv$  | $\top$   | $\top$                  | 1            | $\top$ | П        |          |          | 134      | T        | П         | $\Box$ | П        |   | $\Box$   | $\dashv$ | 7        | ᅥ        |
|              | 35       |               |          |          | [            |  | Π            |              | П        | $\neg$   |          | 85       | $\Box$     |   | 7        | 7                       | T            |        | П        |          |          | 135      | Γ        | П         |        | П        |   | $\Box$   | 一        | 丁        | ᅱ        |
|              | 36       |               |          |          |              |  |              |              |          | $\neg$   |          | 86       |            | $\neg$  |          | $\top$                  | $\top$       | Т      | П        | $\neg$   |          | 136      |          | П         | $\Box$ |          |   |          | 寸        | 寸        | ᅱ        |
|              | 37       |               |          |          |              |  |              |              |          |          |          | 87       | 1          |   |          |                         | T            |        |          |          |          | 137      |          |           |        |          |   |          |          | $\dashv$ | $\neg$   |
|              | 38       |               |          |          |              |  |              |              |          |          |          | 88       | 7          |   |          | $\perp$                 | $\perp$      |        |          |          |          | 138      |          |           |        |          |   |          |          | $\neg$   | ᅱ        |
|              | 39       |               |          |          |              |  |              |              |          |          |          | 89       | 7          |   |          |                         |              |        |          |          |          | 139      | Π        |           |        |          |   |          |          | 寸        | ᅦ        |
|              | 40       |               |          |          |              |  |              |              |          |          |          | 90       | 7          |   |          |                         |              |        |          |          |          | 140      |          |           |        |          |   |          |          |          | ᅦ        |
|              | 41       |               |          |          |              |  |              |              |          |          |          | 91       | 7          |   | T        | $oldsymbol{\mathbb{T}}$ | Ι            |        |          |          |          | 141      |          |           |        |          |   |          | _1       |          | ╗        |
|              | 42       |               |          |          |              |  |              |              |          |          |          | 92       | 1          |   |          | $oldsymbol{\mathbb{T}}$ | $oxed{oxed}$ |        |          |          |          | 142      |          |           |        |          |   |          | $\Box$   |          | $\Box$   |
|              | 43       |               |          |          |              |  |              |              |          | _]       |          | 93       | 1          | $\Box$  |          | $\perp$                 | L            |        |          |          |          | 143      | L        |           |        |          |   |          |          |          |          |
|              | 44       |               |          |          |              |  |              |              |          |          |          | 94       | /          |   | $\perp$  |                         |              |        |          |          |          | 144      |          |           |        |          |   |          |          |          |          |
|              | 45       |               |          | L.       |              | $\Box$   |              |              |          |          |          | 95       | 1          |   | $\perp$  |                         |              |        |          |          |          | 145      |          |           |        |          |   |          |          | $\Box$   | $\Box$   |
| $oxed{oxed}$ | 46       |               |          |          |              |  |              |              |          |          |          | 96       | 1          | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |                         |              |        |          |          |          | 146      |          |           |        |          |   |          | $\Box$   |          | ┚        |
|              | 47       | Щ             |          | L        | oxdot        |  |              |              |          | $\Box$   |          | 97       | 1          | $\Box$  |          |                         |              |        |          |          |          | 147      | 匚        |           |        |          |   |          | $\Box$   |          | ┚        |
| <u> </u>     | 48       | L_            | <u> </u> | L        | <u></u>      |  | <u> </u>     | <u> </u>     | Ш        |          | L        | 98       | Ш          |   |          |                         |              |        | П        | _]       |          | 148      | 匚        | Ш         |        |          |   |          | $\Box$   | $\Box$   |          |
| <u></u>      | 49       | Ш             | Ш        |          | L            |  | <u> </u>     | Щ            | Ш        | _        |          | 99       | Ш          | $\bot$  | _        | $\perp$                 |              |        | Ш        | Щ        |          | 149      |          |           |        |          |   |          | $\Box$   | $\bot$   | $\Box$   |
| L            | 50       |               | L        | L_       | L            |  |              | L            |          |          |          | 100      | Ш          |   |          |                         |              |        | $\sqcup$ |          |          | 150      |          | $\coprod$ |        |          |   |          |          |          | - 1      |